

1. (Previously amended) A rail system for securing a panel having opposing major surfaces, the rail system comprising:

a housing having at least one mating surface;

a pair of mating clamp members shaped and structured to clamp onto the panel such that the pair of clamp members respectively constrain opposing major surfaces of the panel, each clamp member of the pair of clamp members having a single mating surface located to be in contact with the at least one mating surface of the housing; and

actuation hardware structured to drive pair of the clamp members and the housing to move relative to each other in a driven direction;

wherein at least one of the mating surface of the housing and the mating surface of the clamp member is inclined relative to the driven direction so that at least a portion of at least one clamp member of the pair of clamp members will move in a clamping direction, which is different than the driven direction, when the clamp member is driven in the driven direction by the actuation hardware; and

wherein clamping forces, caused by the movement of the clamp member in the clamping direction, are sufficient to secure the panel.

2. (Original) The rail system of claim 1 wherein the housing defines an accessory channel space.

3. (Original) The rail system of claim 1 wherein the housing is unitary.

4. (Original) The rail system of claim 1 wherein the actuation hardware comprises:
  - a screw; and
  - a nut.
5. (Cancelled)
6. (Currently Amended) The rail system of claim ~~5~~1 wherein the housing comprises:
  - a first channel wall; and
  - a second channel wall, the first and second channel walls being located to define an accessory channel space.
7. (Currently Amended) The rail system of claim 6 wherein the ~~screw~~actuation hardware is located so that it can be accessed through the accessory channel space sufficiently to drive the screw to rotate.
8. (Previously amended) A rail system for securing a panel, the rail system comprising:
  - a housing having a at least one mating surface, with the housing defining an accessory channel space;
  - at least one clamp member shaped and structured to clamp onto the panel, each clamp member having a single mating surface located to be in contact with the at least one mating surface of the housing;

actuation hardware structured to drive the at least one clamp member and the housing to move relative to each other in a driven direction; and

at least one of the following types of hardware: locking hardware for locking and unlocking the door, pivots and hydraulic closure related hardware, with the at least one type of hardware being located at least substantially in the accessory channel space;

wherein at least one of the mating surface of the housing and the mating surface of the clamp member is inclined relative to the driven direction so that at least a portion of the clamp member will move in a clamping direction, which is different than the driven direction, when the clamp member is driven in the driven direction by the actuation hardware; and

wherein clamping forces, caused by the movement of the clamp member in the clamping direction, are sufficient to secure the panel.

9. (Cancelled).

10. (Cancelled).

11. (Currently amended) The rail system of claim 5 1, wherein each of said clamp members includes a pane clamping surface further comprising:

a first pad located adjacent to the pane clamping surface of ~~the~~ a first of the clamp membermembers; and

a second pad located adjacent to the pane clamping surface of ~~the~~ a second of the clamp membermembers.

12. (Currently amended) The rail system of claim ~~44-1~~ wherein the wherein the panel includes at least one surface defining a plane and at least one of the mating surface of the housing and the mating surface of the clamp member that is inclined relative to plane ~~first and second inclined surfaces of the housing are each inclined between 25 degrees and 35 degrees from the first plane.~~

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Currently amended) The rail system of claim ~~5-1~~ wherein the housing is comprised of aluminum.

17. (Currently amended) The rail system of claim ~~46-1~~ wherein the housing is comprised of aluminum having an anodized finish.

18. (Currently amended) The rail system of claim ~~5-4~~ wherein the panel includes at least one surface defining a plane, wherein the screw is oriented substantially parallel to the ~~first~~ plane.

19. (Cancelled)

20. (Cancelled)

21. (Currently amended) A rail system for securing a panel, the rail system comprising:

a housing;

a pair of clamp members shaped and structured to clamp onto the panel;

at least one screw; and

an elongated nut strip disposed substantially between the clamp members, formed as a separate piece from the at least one clamp member and threadably engaged with the at least one screw, with the nut strip being structured and located to actuate the at least one clamp member so that at least a portion of the at least one clamp member moves in a clamping direction, relative to the housing, ~~AND~~ and so that clamping forces, caused by the movement of the clamp member in a the clamping direction, are sufficient to secure a pane.

22. (Currently amended) A rail system for securing a panel, the rail system comprising:

a housing;

at least one clamp member shaped and structured to clamp onto the panel;

at least one screw; and